

XXXVI. *Abstract of a Journal of the Weather in Quebec, between the 1st of April 1765, and 30th of April 1766. By Cap. Alex. Rose, of the 52d Regiment; communicated by the Rev. P. Murdoch, D. D. F. R. S.*

Read December 18, 1766.

Days	Height on Fahrenheit's Scale.		Winds	Weather
	Greatest	Least		
1765				
Apr. 1	34 $\frac{1}{2}$	30	E.	{ Sunshiny morning; afternoon overcast; night snow
5	53	31	N.W.	Calm sunshiny day; at night frost
10	39	30	E.	Fine sunshiny day; brisk wind
15	60	31	N.W.	Sunshiny day; evening rain
20	41	38	N.W.	High wind the whole day; night hard frost
25	47	39	E.	Ditto
27	44	38	E.	Ditto
30	60	49	E.	Ditto
May 1	56	45	S. E.	Overcast morning; afternoon heavy rain
5	59	47	E.	Sunshiny day, brisk wind
10	54	37	N.	Ditto ditto
12	73	43	W.	Ditto ditto
15	44 $\frac{1}{2}$	39 $\frac{1}{2}$	E.	Overcast the whole day, brisk wind
20	56	41	S. E.	High wind with rain
27	85	58	W.	{ Sunshiny day, morning calm, afternoon high wind
31	67	46	W.	Fine sunshiny day, little wind.

Days	Height on Fahrenheit's Scale.		Winds	Weather
	Greatest	Least		
1765				
June 1	67	53½	W.	Fine sunshiny day ; afternoon E.
	380	63	W	{ Sunshiny morning ; afternoon cloudy with rain
	569	51	E.	Sunshiny day, little wind
	987	64	S.	Sunshiny day ; afternoon W.
	1552	45	N.W.	Cloudy day, brisk wind
	1969	54	E.	Sunshiny day ; night rain
	2562	47	N.W.	Cloudy day, brisk wind
	2768	50	N.W.	Fine calm sunshiny day ; night rain
	2974	61	W.	Ditto ditto
	3062	60	E.	Sunshiny day, brisk wind ditto
July 1	60	55	E.	Rain the whole day
	572	58	W.	{ Morning sunshiny ; afternoon thunder with rain
	1080	62	S. W.	Sunshiny day
	1573	58	E.	Ditto
	1984	65	W.	Ditto
	2377	60	E.	Ditto
	2884	76	N.	{ Morning sunshiny ; afternoon high wind with thunder
	3071	56	W.	Brisk wind with flying clouds
Aug. 1	69	53	N. E.	Ditto ditto ; aftern. S. W.
	576	57	W.	Sunshiny morning ; afternoon showery
	979	64	S. W.	Ditto
	1462	50	N.W.	Sunshiny day, brisk wind
	1766	47	W.	Overcast the whole day ; night much rain
	2167	51	W.	Fine sunshiny day
	2874	68	E.	Ditto
	3169	56	W.	Ditto

Days	Height on Fahrenheit's Scale.		Winds	Weather
	Greatest	Least		
1765				
Sept. 1	69	52	W.	Ditto, brisk wind
3	70	55	E.	Ditto, calm
5	68	59	E.	Rain the whole day
12	50	40	N. W.	Sunshiny day, brisk wind
17	64	47	W.	Ditto, calm
26	40	33	N. W.	Overcast the whole day; afternoon E.
29	52	38	S. E.	Sunshiny day; afternoon S. W.
O&. 1	56	47	S. W.	Sunshiny day
6	56	39	W.	Ditto
9	60	53	S. E.	Fogg with rain the whole day
11	38	34	W.	{ Overcast, with high wind; some snow for the first time
12	41	28	W.	Sunshiny calm day
20	55	54	E.	Rain with high wind the whole day
23	32	19	W.	Sunshiny calm day
29	40	36	W.	Overcast the whole day
31	35	34	E.	Heavy rain the whole day
Nov. 1	40	30	S. W.	Fine calm sunshiny day
5	31	26	W.	Cloudy with snow
11	40	37	W.	Foggy morning; afternoon sunshine
14	31	30	E.	{ Heavy storm of snow, from this day the ground remained covered
18	36	33	W.	Overcast the whole day
23	20 $\frac{1}{2}$	12	W.	Sunshiny day, little wind
26	22	7	W.	Ditto; afternoon E.
30	31	30	W.	Overcast, some snow
Dec. 1	21	18	W.	Sunshiny day
6	13	2	S. W.	Ditto
9	29	29	E.	Overcast, little snow
14	25	4	W.	Sunshiny day
18	31	25	E.	Overcast, little snow
23	0	12	W.	Sunshiny day
24	7	11	W.	Ditto morning, snow afternoon

Days	Height on Fahrenheit's Scale.		Winds	Weather
	Greatest	Least		
1765				
Dec. 25	29	0	W.	Overcast the whole day
30	<sup>b</sup> 17	<sup>b</sup> 24	W.	Sunshiny day, brisk wind
31	<sup>b</sup> 15	<sup>b</sup> 29	W.	Ditto
1766				
Jan. 1	<sup>b</sup> 3	<sup>b</sup> 28	W.	{ Morning overcast, little wind; after- noon brisk wind E.
2	12	<sup>b</sup> 5	E.	High wind, little snow
3	10	<sup>b</sup> 14	W.	Brisk wind and cloudy
4	<sup>b</sup> 6	<sup>b</sup> 19	W.	Brisk wind, sunshiny day
5	25	<sup>b</sup> 25	W.	Overcast the whole day
10	25	19	W.	Ditto
12	0	<sup>b</sup> 5	W.	High wind, clear weather
14	29	9	E.	High wind, overcast
16	10	<sup>b</sup> 10	W.	Ditto ditto
17	<sup>b</sup> 2	<sup>b</sup> 17	W.	Ditto, clear weather
21	37	33½	S. E.	{ Foggy with rain the whole day (earth- quake at 5 o'clock next morning)
23	<sup>b</sup> 10	<sup>b</sup> 23	N. W.	Brisk wind
24	2	<sup>b</sup> 25	W.	Sunshiny day
25	22	10	E.	Morning snow; afternoon clear
31	27	4	S. W.	Sunshiny day
Feb. 1	6	<sup>b</sup> 5	W.	Sunshiny day, high wind
2	6	<sup>b</sup> 10	W.	Ditto, little wind
7	28	25	E.	Overcast, high wind
14	39	18	W.	Calm sunshiny day
20	6	<sup>b</sup> 6	W.	Sunshiny day, brisk wind
23	26	16	E.	Heavy fall of snow, brisk wind
25	5	<sup>b</sup> 10	W.	Calm sunshiny day
28	35½	28	S. W.	Overcast the whole day, brisk wind
Mar. 4	19	3	S. W.	Sunshiny day, high wind
7	36	26	S. E.	Brisk wind, with flying clouds

Days	Height on Fahrenheit's Scale.		Winds	Weather
	Greatest	Least		
Mar. 12	40	27	E.	Flying clouds, with snow
14	29	<sup>b</sup> 2	N. W.	High wind, with snow
15	2	<sup>b</sup> 10	N. W.	High wind the whole day
16	23½	<sup>b</sup> 5	S. E.	Fine calm sunshiny day
17	36	31	S. E.	Overcast and showery the whole day
23	27	22	E.	Snow the whole day, brisk wind
27	32	9	W.	Sunshiny day
31	46	29	N.	Ditto
Apr. 1	42	25	W.	Ditto, afternoon E.
3	46	19	W.	Ditto
10	42	36	E.	Ditto, little wind
13	48	35	W.	Ditto
19	42	19	W.	At night snow; the least snow this season
22	27	26	W.	Sunshiny day
29	51	31	W.	Ditto
30	42	30	E.	Rain and overcast the whole day

N. B. The letter <sup>b</sup> placed over any figure, signifies that the Mercury was so many degrees below 0. Thus on the 31<sup>st</sup> of December 1765, you find <sup>b</sup>15, <sup>b</sup>29, that is, 15 and 29 below zero; or 47 and 61 below the freezing point. Again, on the 5<sup>th</sup> of January 1766, the numbers are 25 and <sup>b</sup>25, which is 25 above, and 25 below 0. So that the difference between the highest and lowest degrees of heat on that day, is 50 degrees.

On the 27<sup>th</sup> of May (1765), when the Mercury rose to 85, and fell no lower than 58 (the mean of which is 71½) at Quebec, at a place down the river, called Mont Louis, was a heavy storm of snow, which continued the whole day: the distance of these places is about 260 miles.

Alexander Rose,  
Lieutenant in the 51<sup>st</sup> Regiment.  
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